

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: SPL

Supplier's address: Schiefer Lighting, Potterbakkerstraat 35, 4871EP Etten-Leur, NL

Model identifier: L276040630

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	NMLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	7	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	550 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	3 000
On-mode power (P_{on}), expressed in W	7,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	110	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
			See image in last page

parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,437 0,402
Parameters for LED and OLED light sources:			
R9 colour rendering index value	9	Survival factor	0,90
the lumen maintenance factor	0,93		

(a) : not applicable;

(b) : not applicable;

SPL Spectrum Test Report

Sample : 5-5
 Specification :
 Sample No. : L276040630-2
 Manufacturer :

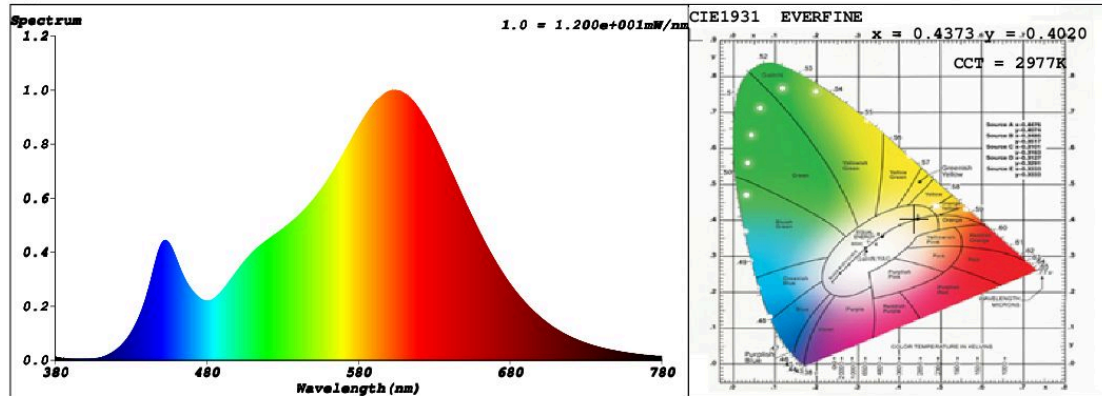
Date : 2019-01-03 13:27:25
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by :
 Assessor : damin

Test Condition

Temperature : 25.3Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 51731 (79%)
 T : 37 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4373$ $y = 0.4020$ / $u' = 0.2517$ $v' = 0.5206$ ($duv = -8.88e-04$)

CCT= 2977K Prcp WL: Ld=583.2nm Purity=51.9%

Peak WL: Lp=603nm FWHM: =124.7nm Ratio:R=23.2% G=74.0% B=2.8%

Render Index: Ra = 83.2

R1 =82 R2 =92 R3 =95 R4 =81 R5 =83 R6 =91 R7 =82

R8 =59 R9 =9 R10=83 R11=80 R12=77 R13=84 R14=98 R15=74

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 581.78 lm Eff. : 85.37 lm/W Fe = 1.7932 W

Electrical parameters

V = 12.00 V I = 0.5680 A P = 6.815 W PF = 1.000

Schiefer Professional Lighting

www.professional-lighting.eu